

### **AMENDMENTS TO CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. **(Currently Amended)** A telecommunications system, comprising:  
a plurality of network clients including a positioning controller and a communications controller; and  
a positioning server configured to receive coordinates from said positioning controller; wherein said positioning server includes a periodic timer ~~for determining when said coordinates are to be received from associated ones of said plurality of network clients,~~  
wherein said positioning server is configured to send, upon periodic expirations of the periodic timer, a timer tick signal to associated ones of said network clients,  
wherein said associated ones are configured to send, responsive to said timer tick signal, a response tick signal to the positioning server,  
wherein said associated ones are further configured to send, after the response tick signal is sent, the coordinates to the positioning server responsive to detecting a change in a current position of said associated ones  
~~responsive to receiving indicia of a presence including user context of said associated ones such that said coordinates are received responsive to a timer tick signal sent by the positioning server to said associated ones upon periodic expirations of the timer.~~

2.     **(Original)**   A telecommunications system in accordance with claim 1, wherein said positioning controller receives global positioning network signals for determining a position of an associated network client.
  
3.     **(Original)**   A telecommunications system in accordance with claim 2, wherein said communications controller comprises a cellular network controller for transmitting on a cellular telephone network to said server.
  
4.     **(Previously Presented)**   A telecommunications system in accordance with claim 1, wherein said server sends one or more queries to an associated network client if a predetermined status message has not been received within a predetermined period as determined upon expiration of said timer.
  
5.     **(Original)**   A telecommunications system in accordance with claim 4, wherein said predetermined status message comprises one or more identification signals.
  
6.     **(Original)**   A telecommunications system in accordance with claim 4, wherein said predetermined status message comprises one or more location-related update signals.

7. **(Currently Amended)** A telecommunications device, comprising:
- a positioning controller adapted to determine coordinates for said telecommunications device; and
  - a wireless data controller adapted to receive said coordinates from said positioning controller and a timer tick signal from an associated server upon periodic expiration of a periodic watchdog timer that begins a first count upon activation with the associated server,
- wherein said wireless data controller is further adapted to send, responsive to receipt of the timer tick signal, a response tick signal to the associated server,
- wherein said wireless data controller is further adapted to cause, after the responsive tick signal is sent, said coordinates to be transmitted to [[an]] the associated server responsive to detecting a change in a current position at predetermined periodic intervals responsive to an activation with the associated server and receipt of a timer tick signal sent by the associated server upon expiration of a watchdog timer that begins a first count upon said activation.
8. **(Previously Presented)** A telecommunications device as recited in claim 7, wherein said positioning controller receives Global Positioning System (GPS) signals to determine said coordinates.
9. **(Original)** A telecommunications device as recited in claim 7, wherein said wireless data controller is adapted to receive requests from said server to provide positioning information-related updates to said server.

10. **(Currently Amended)** A telecommunications server, comprising:

a presence control unit adapted to receive and maintain presence information for a plurality of users; and

a location control unit adapted to receive and maintain coordinates of said plurality of users, said coordinates being correlated with said presence information;

wherein said location control unit includes a periodic timer ~~for determining when said coordinates are to be received from associated ones of said plurality of users, said periodic timer being activated responsive to a registration of said associated ones of a plurality of network clients with said telecommunications server,~~

wherein said telecommunications server is adapted to send, upon periodic expirations of the periodic timer, a timer tick signal to said associated ones,

wherein said associated ones are adapted to send, responsive to said timer tick signal, a response tick signal to the telecommunications server,

wherein such that the telecommunications server receives, after the response tick signal is sent, said coordinates are received responsive to a timer tick signal sent by said telecommunications server to said associated ones detecting a change in a current position of said associated ones upon periodic expirations of the timer.

11. **(Previously presented)** A telecommunications server in accordance with claim 10, wherein said location control unit is adapted to query an associated one of said plurality of users if a predetermined status message has not been received within a predetermined period determined by said timer.

12. **(Original)** A telecommunications system in accordance with claim 11, wherein said predetermined status message comprises one or more identification signals.

13. **(Original)** A telecommunications system in accordance with claim 11, wherein said predetermined status message comprises one or more location-related update signals.

14. **(Currently Amended)** A telecommunications method, comprising:  
receiving one or more location positioning signals at a wireless device; and  
transmitting a timer tick signal from a server via a wireless data network to the wireless device upon periodic expirations of a periodic timer at the server, said periodic timer being activated responsive to a registration of said wireless device with said server;

transmitting a response tick signal responsive to the timer tick signal from the wireless device to the server; and

transmitting coordinates updates from said wireless device via ~~[[a]]~~ the wireless data network to ~~[[a]]~~ the server responsive to detecting a change in a current position of the wireless device, ~~said server including a periodic timer for determining when said coordinates updates are to be received from said wireless device, said periodic timer being activated responsive to a registration of said wireless device with said server;~~

~~wherein said coordinates updates are to be received responsive to a timer tick signal sent by the server to said wireless device upon periodic expirations of the timer.~~

15. **(Original)** A telecommunications method in accordance with claim 14, wherein said receiving one or more positioning signals comprises receiving one or more signals from a global positioning network.

16. **(Previously presented)** A telecommunications method in accordance with claim 14, wherein said server is adapted to query said wireless device if a predetermined status message has not been received within a predetermined period determined upon expiration of said timer.

17. **(Original)** A telecommunications system in accordance with claim 16, wherein said predetermined status message comprises one or more identification signals.

18. **(Original)** A telecommunications system in accordance with claim 16, wherein said predetermined status message comprises one or more location-related update signals.

19. **(Currently Amended)** A telecommunications system, comprising:
- a plurality of network clients including a positioning controller and a communications controller; and
  - a positioning server configured to receive coordinates from said positioning controller;
- wherein said positioning server is configured to send, upon periodic expirations of a watchdog timer, a timer tick signal to associated ones of said network clients,
- ~~wherein said coordinates are received at the positioning server responsive to a timer tick signal sent by the positioning server to associated ones of the plurality of network clients upon periodic expirations of a watchdog timer, the watchdog timer initialized responsive to receiving indicia of a presence including user context of said associated ones~~
- wherein said associated ones are configured to send, responsive to said timer tick signal, a response tick signal to the positioning server,
- wherein said associated ones are further configured to send the coordinates to the positioning server responsive to detecting a change in a user's current location.

20. **(Currently Amended)** A telecommunications system in accordance with claim 19, wherein said positioning server ~~includes said watchdog timer~~ is configured to send the timer tick signal to said associated ones via a toll-free telephony interface.

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21. **(Currently Amended)** A telecommunications system in accordance with claim 19, wherein said ~~plurality of network clients includes said watchdog timer~~ associated ones are configured to send the response tick signal to the positioning server via a toll-free telephony interface.